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EPA, REGION VII
SUPERFUND BRANCH

August 9, 2001

Mr. Jim Christiansen
United States Environmental Protection Agency
Region 8
999 18th Street - Suite 300
Denver, CO 80202-2466

Ref: 8EPR-SR

July JK
RE: Richardson Flat Monthly Status Report for ~~June~~ 2001.

Dear Mr. Christiansen:

This monthly Status Report details site activities conducted at Richardson Flat for the month of July 2001. Also included are the proposed site activities for the months of August and September.

Sampling Activities Conducted:

Surface and groundwater were sampled on July 9, 2001. Groundwater and two surface samples were resampled on July 19, 2000.

Surface and Groundwater sampling:

On July 9, 2001 the fourth round of monthly surface water sampling was conducted. Surface water samples were collected at locations RF-8, RF7-2, RF6-2, RF5, RF4 and RF3-2. One duplicate sample was collected at location RF4. Groundwater samples were collected at monitoring wells RT-11, RT-12, RT-13 and RT-14. Samples were submitted to the laboratory on July 10, 2001.

The groundwater samples collected from RT-11, RT-12, RT-13 and RT-14 on July 9, 2001 were collected via a bailer and were turbid. After review of the initial TSS results it was decided to not analyze the samples and perform further well development to reduce well turbidity. The wells were developed using a peristaltic pump for two days until the well effluent was clear. The wells were resampled on July 19, using the peristaltic pump. The samples were submitted to the laboratory on July 19, 2001.

The samples collected from RF-8 and RF 6-2 were sampled for low detection mercury. Due to a receiving error by the laboratory, one of the samples was analyzed for only total mercury. The samples for both RF-8 and RF-6-2 were resampled on July 19, 2001 and submitted to the laboratory on July 20, 2001. Resampling costs will be paid by the laboratory.

Results:

Soil sampling results are reported in Table 1, laboratory and chain-of-custody reports are located in Appendix A. Field data sheets can be found in Appendix B. Test pit logs can be found in Appendix C. An electronic copy of the AEC and Frontier Geosciences laboratory analytical reports will be emailed to you and Jeff Montera.

Planned Activities: August 2001


1. Monthly surface and groundwater sampling will be conducted the week of August 6, 2001.
2. The remaining test pits and monitoring wells will be surveyed during August.

Planned Activities: September 2001

1. Monthly surface and groundwater sampling will be conducted the week of September 3, 2001.

If you should have any questions or comments, please contact me at 801-255-2626.

Best regards,

 for J. R. Fricke

James R. Fricke
RMC

Attachment: Table 1, Analytical Summary - Water
 Table 2, Analytical Summary - Soil

Cc: Jeff Montera
Kerry Gee
Kevin Murray
Muhammed Slam
Lynn Woodbury
Jeanne Wilson

TABLE 1
RICHARDSON FLAT SOIL DATA AS OF 6/19/01
TAILINGS SOUTH OF THE DIVERSION DITCH

Date	Sample #	AG	AL	AS	CD	CR	CU	FE	HG	MOIST.	PB	SB	SE	ZN	comments
6/27/01	RF-TSDD-GL50-6"T	55	3313	459	75	19	692	15720	6.3	17	9060	283	9.0	14650	
6/27/01	RF-TSDD-GL50-18"C	<5	26320	9.7	<.5	28	31	24270	<.10	26	26	<5	<5	125	
6/27/01	RF-TSDD-GL5056-7"T	44	2748	313	39	18	497	11720	4.8	5.3	7129	214	<5	7926	DUPLICATE GL50
6/27/01	RF-TSDD-GL5056-19"C	<5	21130	7.9	1.1	25	25	22940	<.10	19	24	<5	<5	214	DUPLICATE GL50
6/27/01	RF-TSDD-GL52-6"T	77	5874	637	102	30	1208	21770	11	22	21380	505	20	15480	
6/27/01	RF-TSDD-GL52-18"C	<5	22180	6.6	<.5	25	32	22780	<.10	24	19	<5	<5	157	
6/27/01	RF-TSDD-GL53-8"T	120	8373	632	113	33	1323	23200	21	32	21010	423	24	18640	
6/27/01	RF-TSDD-GL53-18"C	<5	23930	7.3	.73	26	34	23110	.16	32	57	<5	<5	200	
6/27/01	RF-TSDD-GL56-6"T	38	2935	264	39	19	467	11260	3.6	4.2	5761	172	<5	7731	
6/27/01	RF-TSDD-GL56-18"C	<5	19950	8.6	7.6	24	28	22080	<.10	21	34	6.3	<5	1306	
6/27/01	RF-TSDD-GL58-14"T	28	5365	276	44	16	305	72660	4.9	7.1	5122	114	20	6520	
6/27/01	RF-TSDD-GL58-20"C	<5	24210	12	1.3	26	32	25200	.29	14	122	<5	<5	236	
6/27/01	RF-TSDD-GL59-10"T	43	4374	426	46	19	798	28080	26	15	7584	334	9.7	10600	
6/27/01	RF-TSDD-GL59-18"C	<5	22870	12	1.9	29	39	24140	1.1	17	85	<5	<5	324	
6/27/01	RF-TSDD-GL62-2.5"T	20	2059	192	40	12	233	30740	1.3	6.9	3123	88	9.2	5865	
6/27/01	RF-TSDD-GL62-3.5"C	<5	32700	7.1	<.5	33	20	26910	<.10	23	21	<5	<5	97	

TARGET SHEET
EPA REGION VIII
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 2008712

SITE NAME: RICHARDSON FLAT TAILINGS

DOCUMENT DATE: 08/09/2001

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☒ TYPES OF DOCUMENTS NOT TO BE SCANNED
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

APPENDIX A Laboratory Reports, Chain-of-Custody

APPENDIX B Field Data Sheets

APPENDIX C Test Pit Logs
